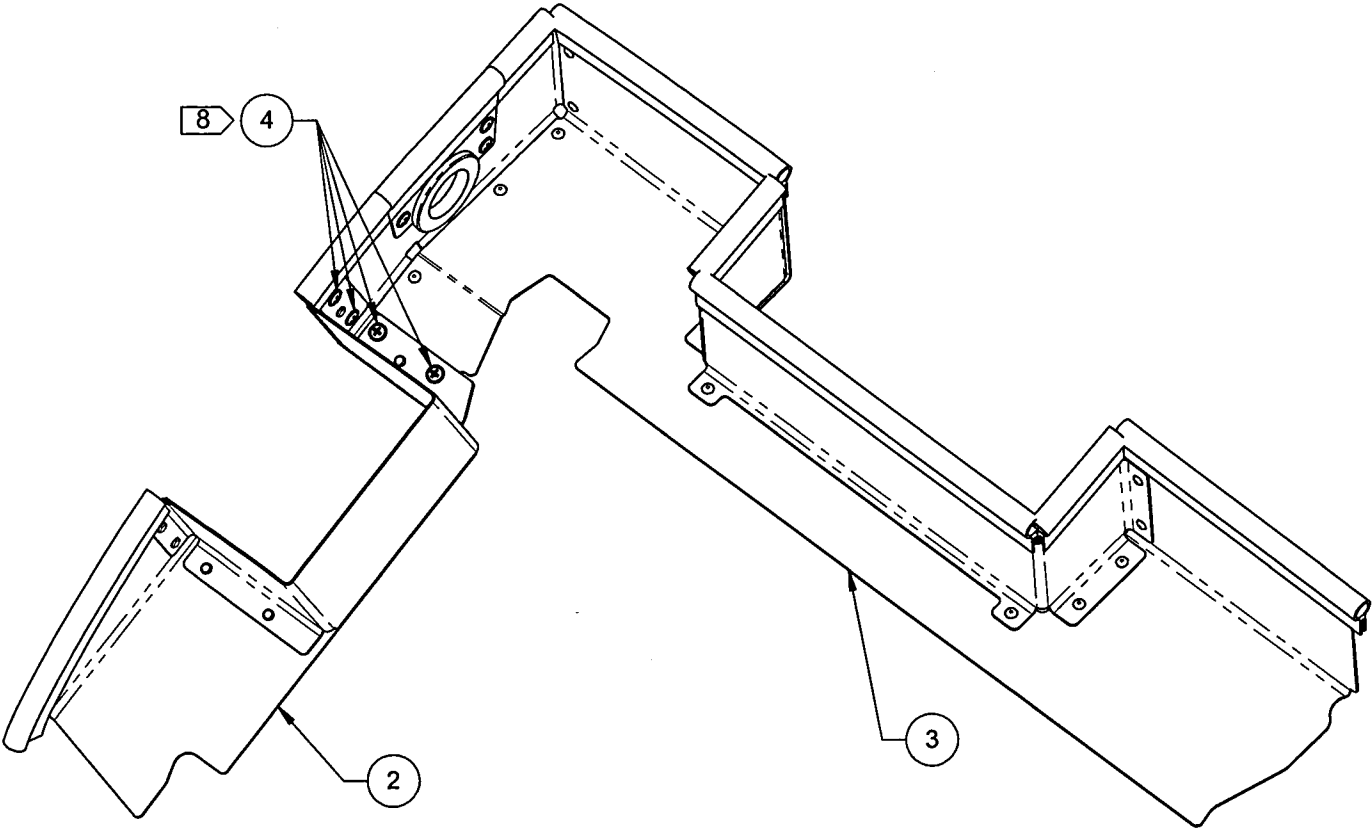


ITEM	QTY. -041	PART NUMBER	DESCRIPTION
1	X	D5076-041	FWD BRACKET ASSEMBLY
2	1	D4434-045	FWD OUTBOARD BRACKET ASSEMBLY
3	1	D5076-043	FWD INBOARD BRACKET ASSEMBLY
4	4	AN525-832R7	SCREW



D5076-041 FWD BRACKET ASSEMBLY

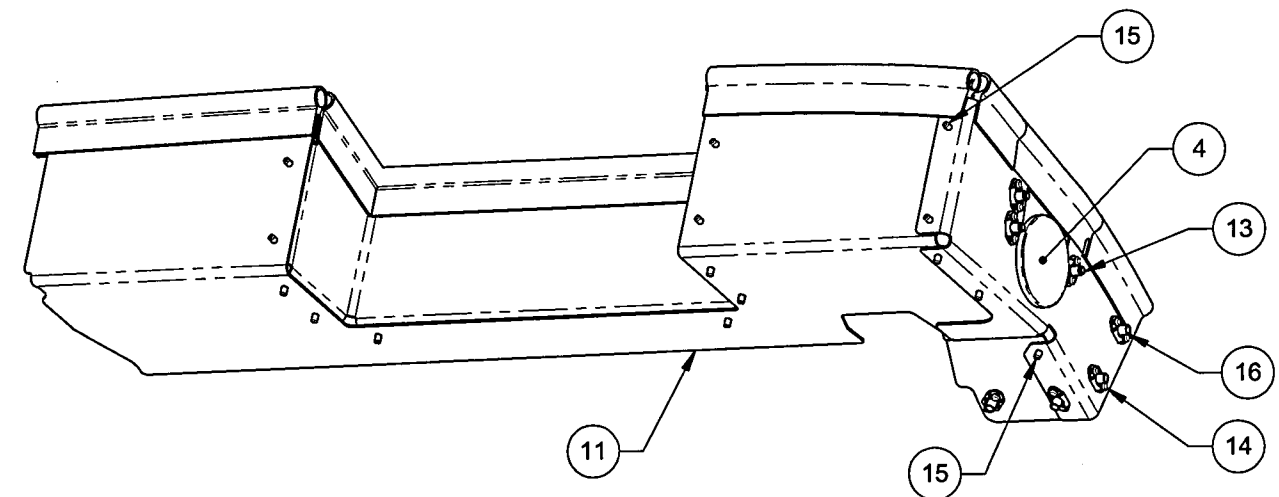
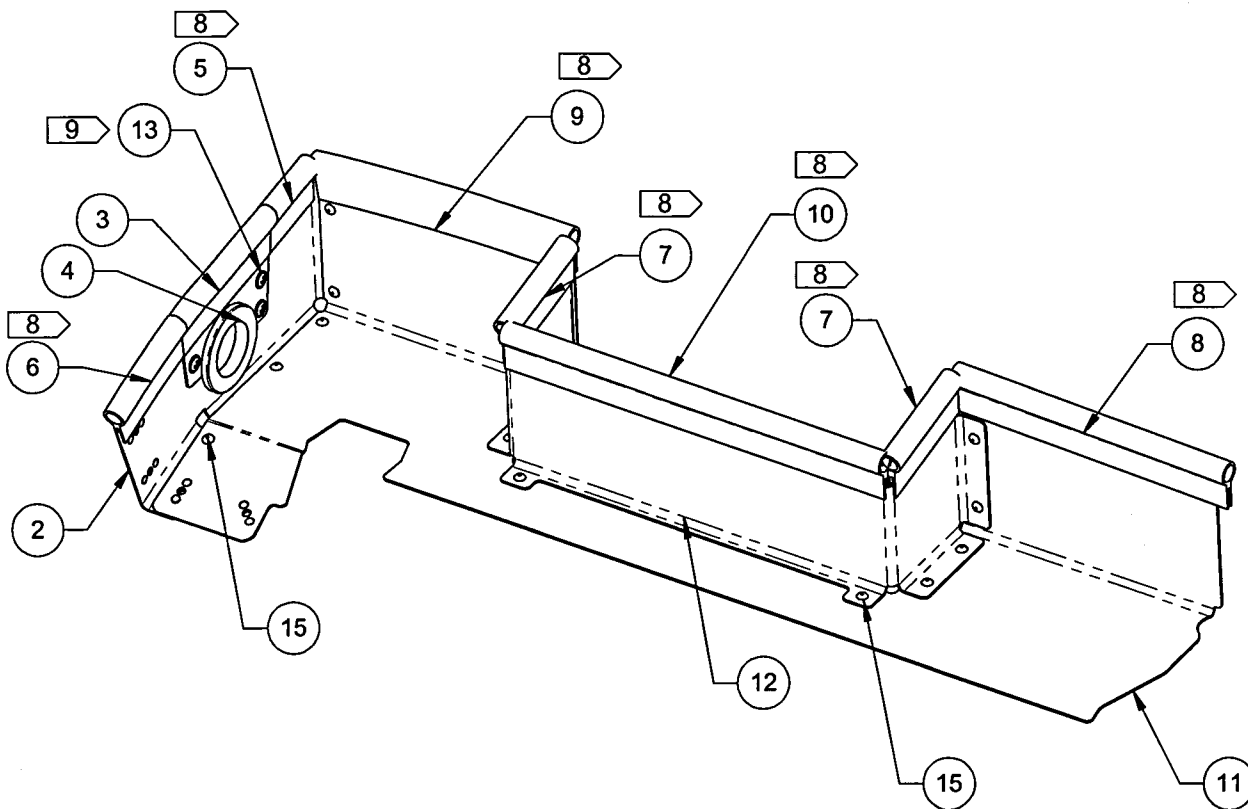
- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 1.39 lbs
  - 8) TORQUE SCREWS TO 12-15 (in-lb)

RELEASED

2018 OCT 19  
ECN 18-828

APPROVED

B	ADD D5076-5, D5076-045, D5076-047. REF PAR18-256	PM	18.09.24
A	NEW ISSUE	RF	14.03.11
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	D5076	SHEET 1 OF 12
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	BRACKET ASSEMBLY	NTS
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ITEM	QTY. -043	PART NUMBER	DESCRIPTION
1	X	D5076-043	FWD INBOARD BRACKET ASSEMBLY
2	1	D4434-9	BRACKET
3	1	D4435-041	BRACKET ASSEMBLY
4	1	D4440-1	GROMMET
5	1	D4441-1-017	RUBBER SEAL
6	1	D4441-1-025	RUBBER SEAL
7	2	D4441-1-026	RUBBER SEAL
8	1	D4441-1-067	RUBBER SEAL
9	1	D4441-1-064	RUBBER SEAL
10	1	D4441-1-094	RUBBER SEAL
11	1	D5076-1	BRACKET
12	1	D5076-3	BRACKET
13	3	AN525-832R6	SCREW
14	14	MS20426AD3-3	RIVET
15	15	MS20470AD4-3	RIVET
16	7	MS21075L08	NUT PLATE
17	A/R	3M 1300/1300L	ADHESIVE

# **D5076-043 FWD INBOARD BRACKET ASSEMBLY**

## **NOTES:**

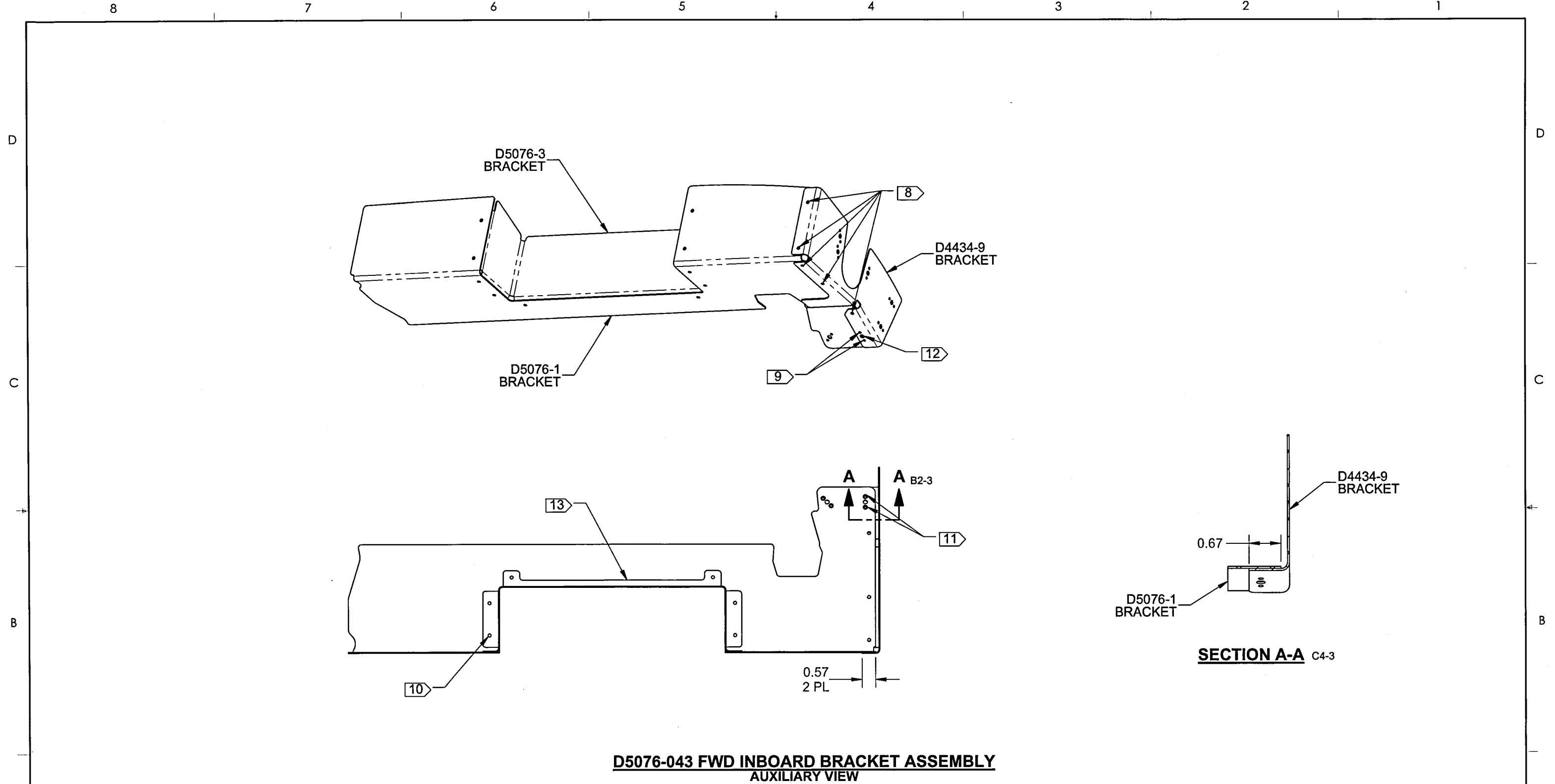
- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDEX" (4.3.5.7) PER DART QSI 005 4.3 PRIOR TO INSTALLING D4435-041.  
MASK NUT PLATE HOLES
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.01 lbs
- 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE  
ENSURE COVER IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL  
IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING
- 9) TORQUE SCREWS TO 12-15 (in-lb)

RELEASED

2018 OCT 19

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5076</b>	SHEET 2 OF 12
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	<b>BRACKET ASSEMBLY</b>	NTS
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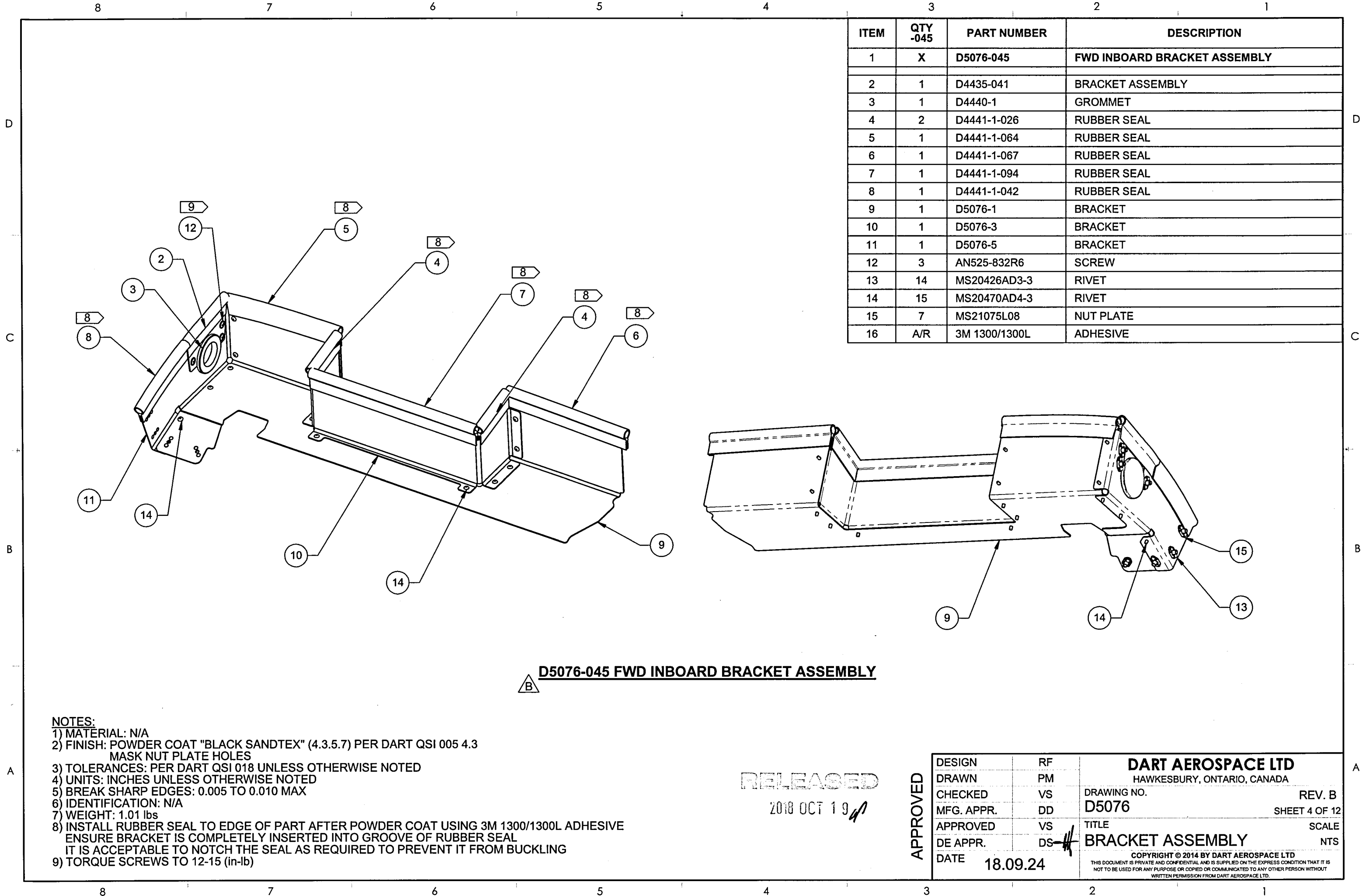


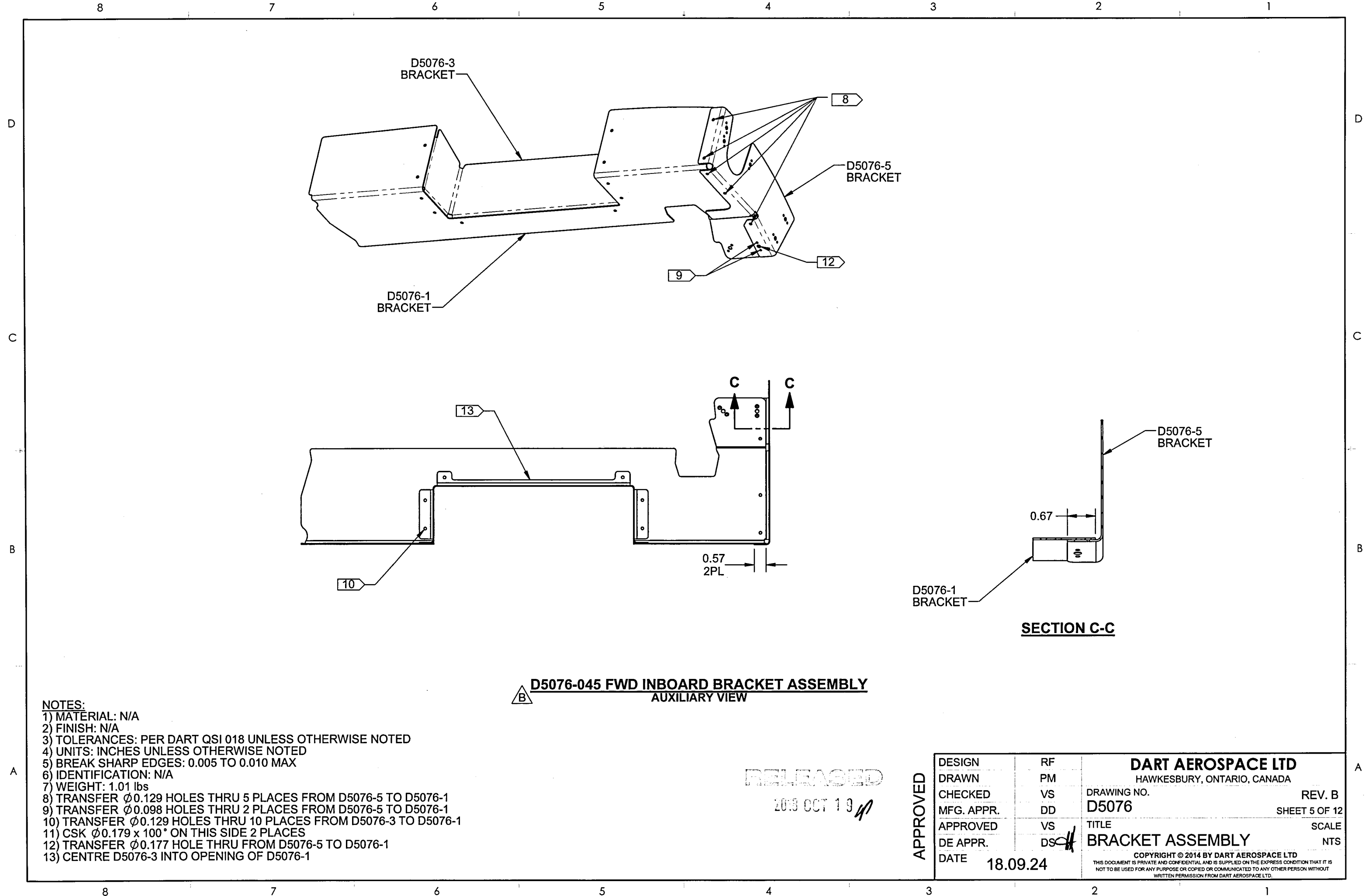
- NOTES:**
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 1.01 lbs
  - 8) TRANSFER  $\varnothing 0.129$  HOLES THRU 5 PLACES FROM D4434-9 TO D5076-1
  - 9) TRANSFER  $\varnothing 0.098$  HOLES THRU 2 PLACES FROM D4434-9 TO D5076-1
  - 10) TRANSFER  $\varnothing 0.129$  HOLES THRU 10 PLACES FROM D5076-3 TO D5076-1
  - 11) CSK  $\varnothing 0.179 \times 100^\circ$  ON THIS SIDE 2 PLACES
  - 12) TRANSFER  $\varnothing 0.177$  HOLE THRU FROM D4434-9 TO D5076-1
  - 13) CENTRE D5076-3 INTO OPENING OF D5076-1

RELEASED  
2008 OCT 19

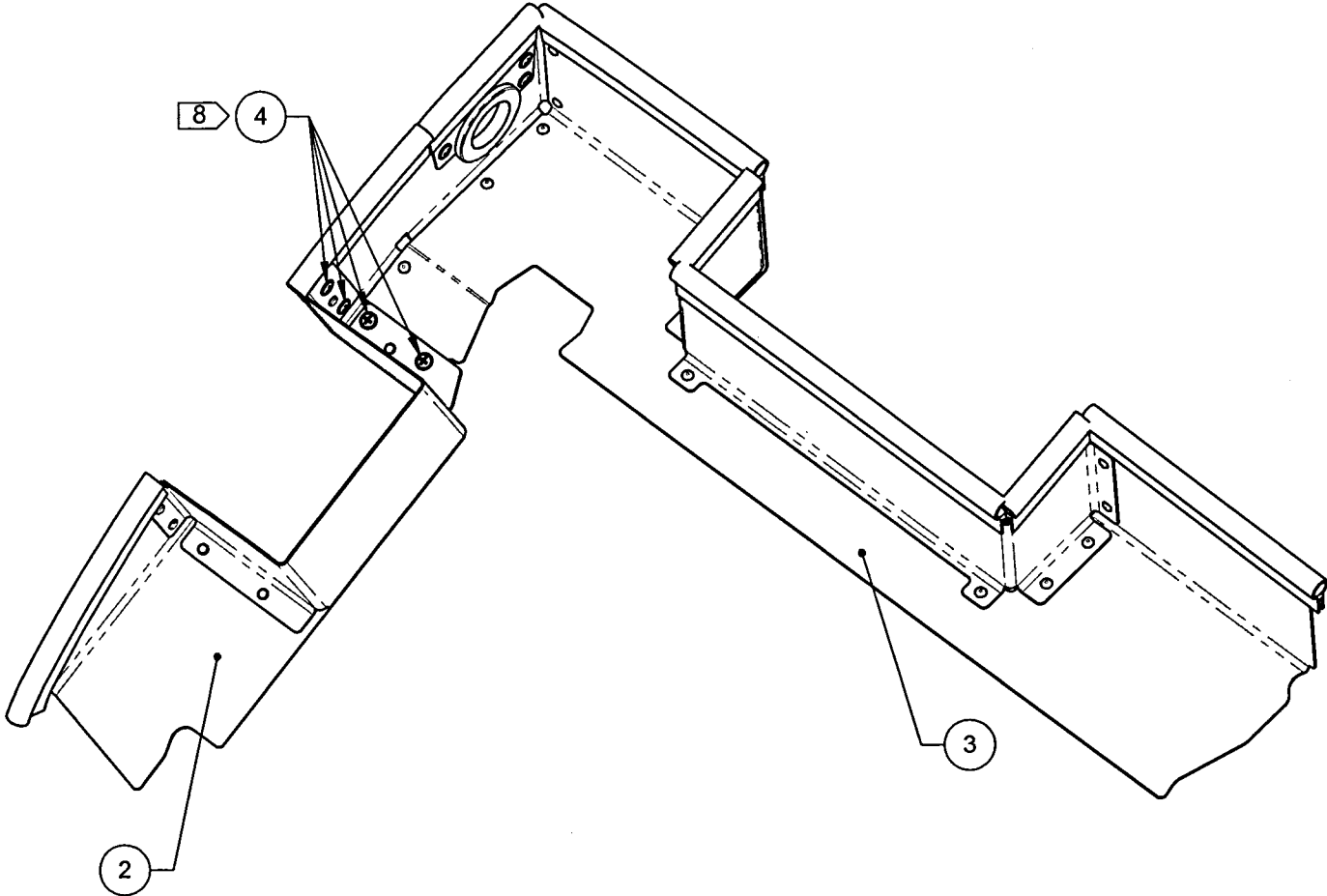
APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5076</b>	SHEET 3 OF 12
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	<b>BRACKET ASSEMBLY</b>	NTS
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ITEM	QTY. -047	PART NUMBER	DESCRIPTION
1	X	D5076-047	FWD BRACKET ASSEMBLY
2	1	D4434-045	FWD OUTBOARD BRACKET ASSEMBLY
3	1	D5076-045	FWD INBOARD BRACKET ASSEMBLY
4	4	AN525-832R7	SCREW



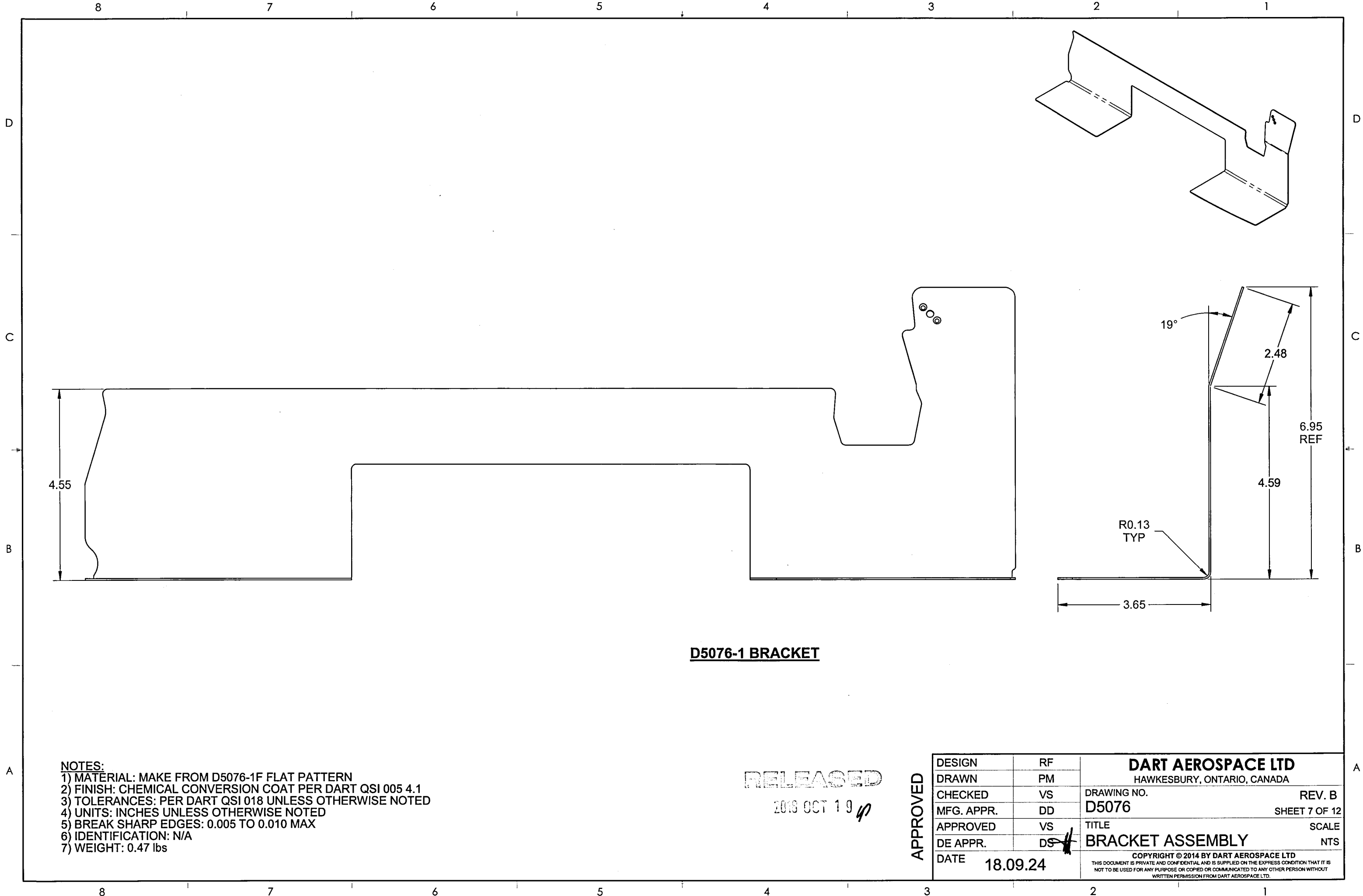
**D5076-047 FWD BRACKET ASSEMBLY**

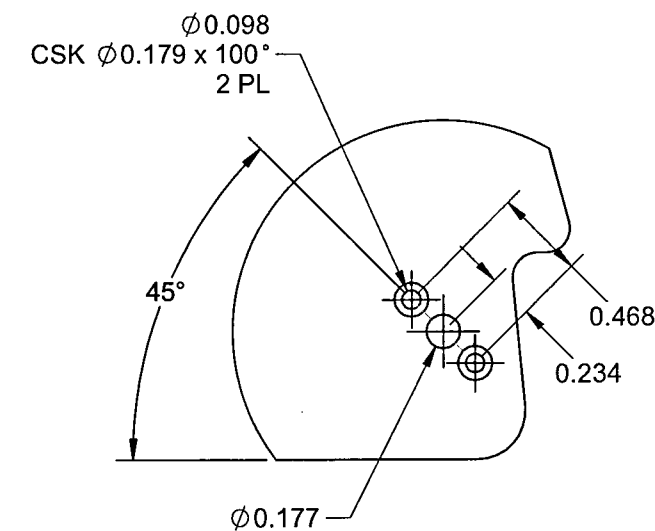
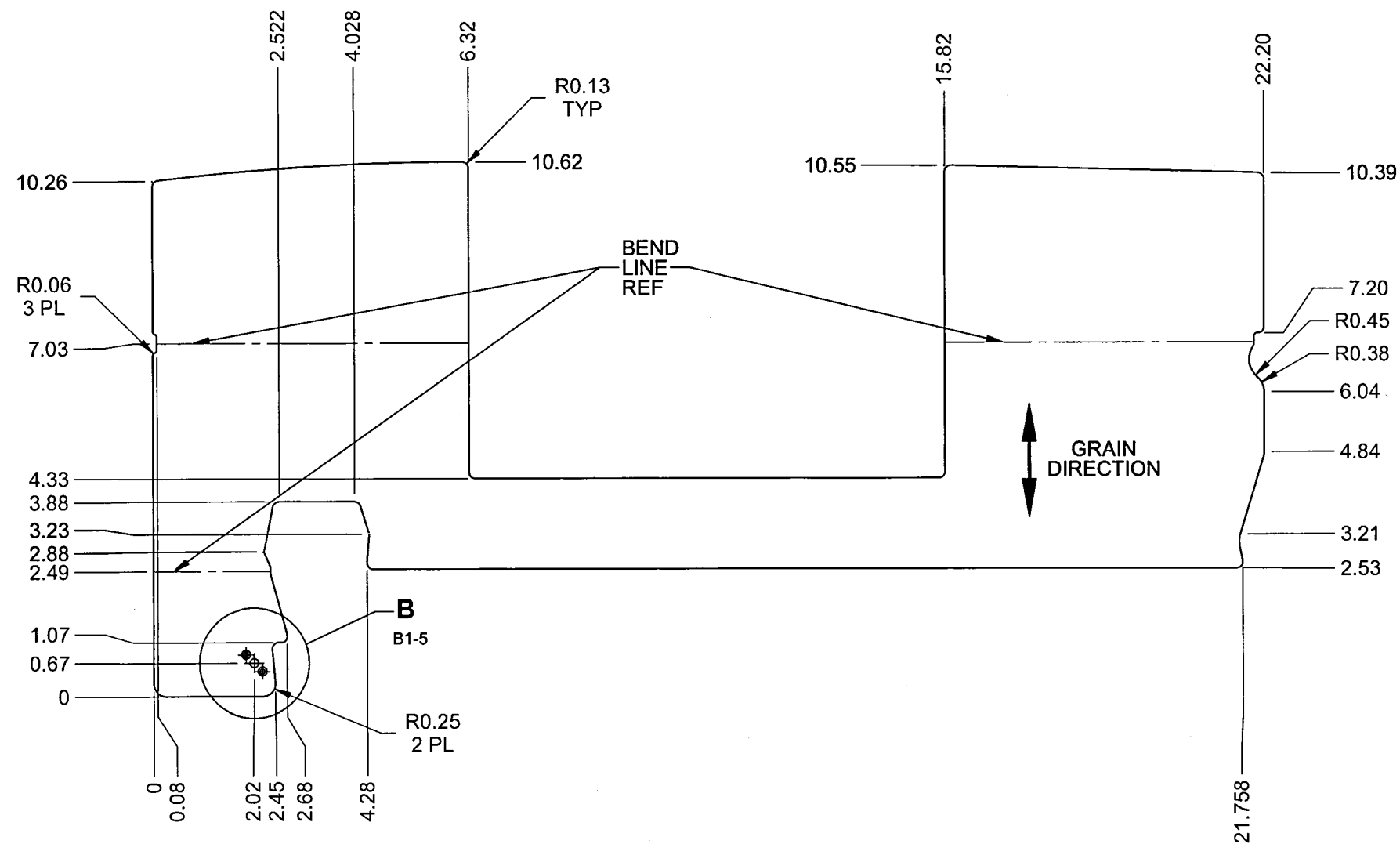
- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 1.39 lbs
  - 8) TORQUE SCREWS TO 12-15 (in-lb)

RELEASED  
2018 OCT 19

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	PM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5076</b>	SHEET 6 OF 12
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	<b>BRACKET ASSEMBLY</b>	NTS
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# **D5076-1F FLAT PATTERN BRACKET**

## **NOTES:**

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.47 lbs

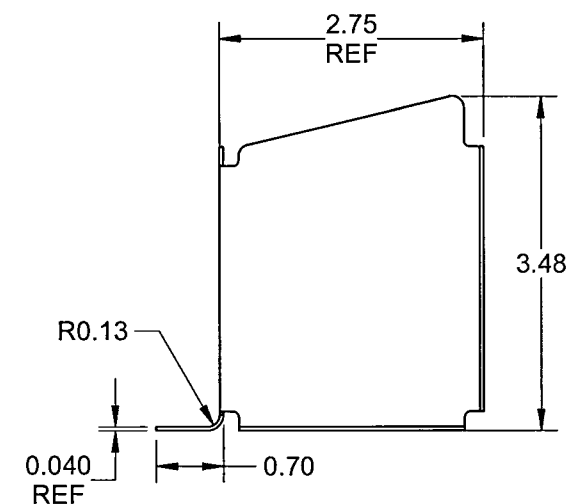
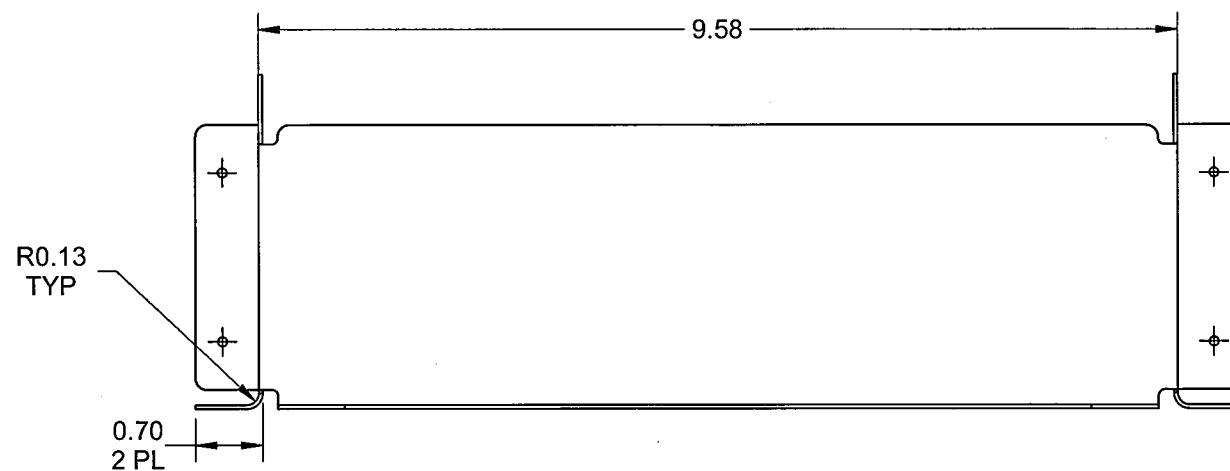
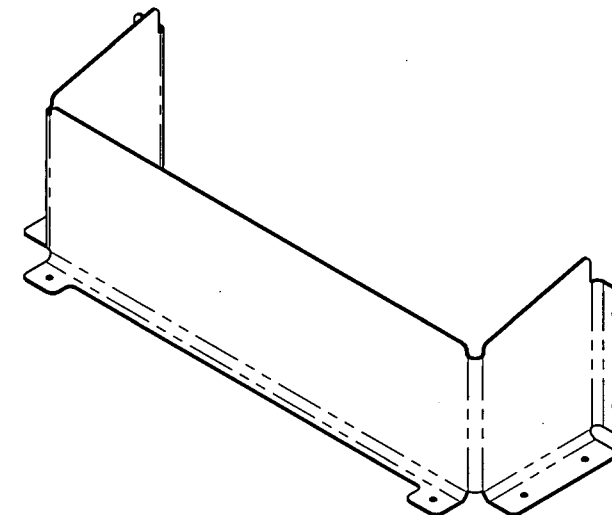
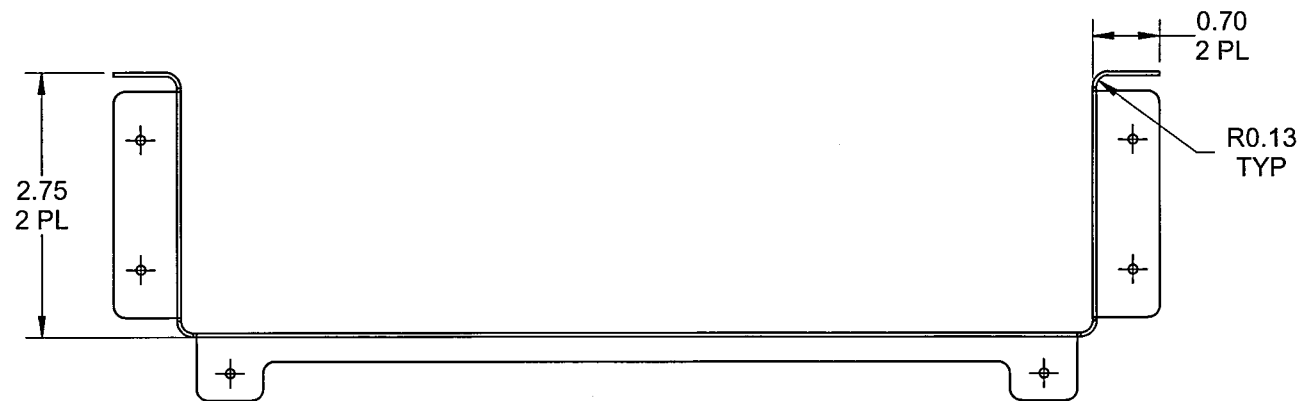
RELEASED

2018 OCT 19

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO. <b>D5076</b>	REV. B
MFG. APPR.	DD	SHEET 8 OF 12	
APPROVED	VS	TITLE <b>BRACKET ASSEMBLY</b>	SCALE NTS
DE APPR.	DS	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	18.09.24		





# **D5076-3 BRACKET**

## **NOTES:**

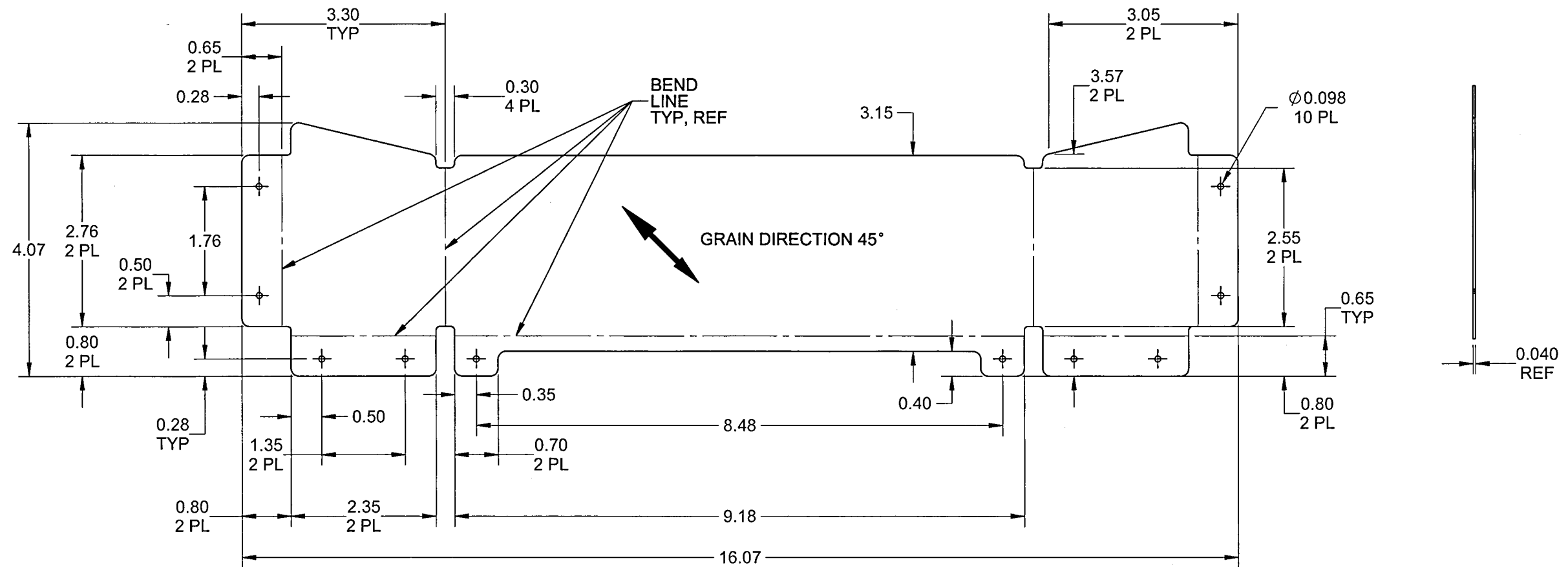
- 1) MATERIAL: MAKE FROM D5076-3F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.21 lbs

RELEASED

2016 OCT 13

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5076</b>	SHEET 9 OF 12
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	<b>BRACKET ASSEMBLY</b>	NTS
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# **D5076-3F FLAT PATTERN BRACKET**

## **NOTES:**

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.21 lbs

RELEASED

2010 OCT 19

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5076</b>	SHEET 10 OF 12
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	<b>BRACKET ASSEMBLY</b>	NTS
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8

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2

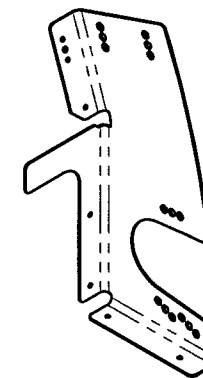
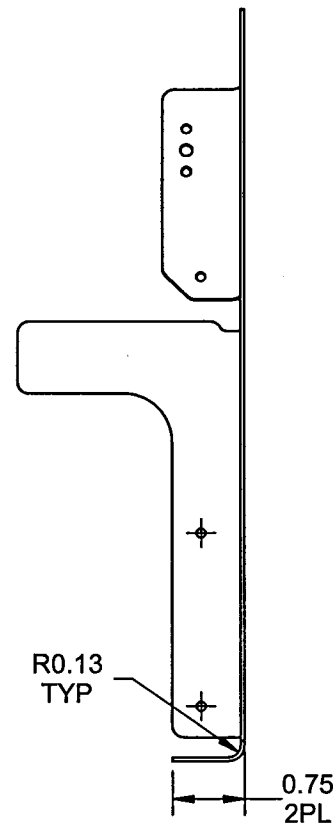
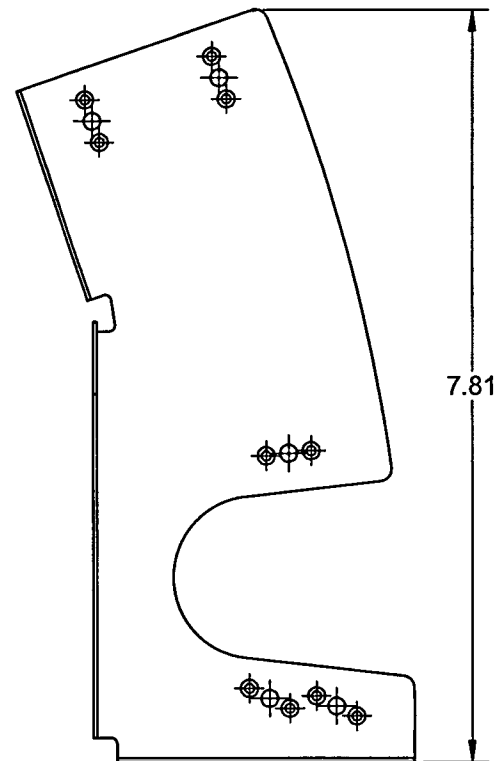
1

D

C

B

A

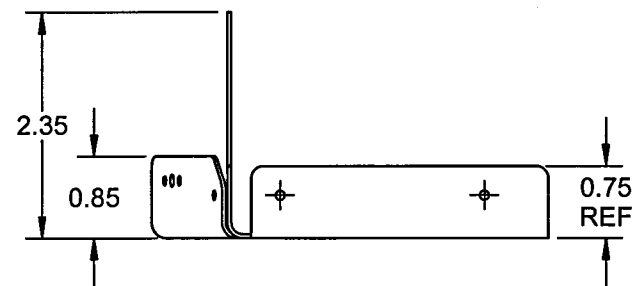


D

C

B

A



**D5076-5 BRACKET**



RELEASED

2018 OCT 19

APPROVED

**NOTES:**

- 1) MATERIAL: MAKE FROM D5076-5F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.10 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	PM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5076</b>	SHEET 11 OF 12
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	<b>BRACKET ASSEMBLY</b>	NTS
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